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BECKER AUTOMOTIVE SYSTEMS

# Service Manual

Version 1.0 - deutsch

## Audio 30 ECE Typ 3300

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- Bestückungsplan
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- Code-Eingabe
- Technische Daten
- Ersatzteile

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Technische Änderungen vorbehalten
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Bestell-Nr.1360.353

# RESET-Auslösung MB-MJ98

A und B und C gleichzeitig drücken.

Aktion: Tonquelle wird für ca. 1 Sekunde unterbrochen und Displayinhalt neu aufgebaut.

# Testprogramm MB-MJ98

| | | | |
|---|---|---|---|
| 1 und 2 | gleichzeitig drücken → | BRA<br>BECKER | Becker-Testmode ist aufgerufen |
| 3 | 1 mal drücken → | SIG<br>10 89.5 | z. B. 10 = Feldstärke<br>z. B. 89.5 = Frequenz (MHz) |
| 3 | 2 mal drücken → | TVP<br>2 | Anhebung VF-Durchsage<br>Möglichkeiten: 0-1-2-3<br>einstellen mit △ , ▽ |
| 3 | 3 mal drücken → | ECE<br>100 9 | Raster FM<br>Raster AM |
| 3 | 4 mal drücken → | TYP<br>BE 3300 | |
| 3 | 5 mal drücken → | SER<br>W1001052 | |
| 3 | 6 mal drücken → | SW<br>40/98 | Anzeige:<br>aktueller Softwarestand |
| 3 | 7 mal drücken → | END<br>TESTMODE | beendet nach 5 Sekunden automatisch das Test-programm |

# Codenummereingabe

Jede Ziffer des Zahlencodes über die Tasten des rechten Bedienfeldes eingeben.
Nach Eingabe des korrekten Zahlencodes, durch Drücken einer der Tasten ▷|, |◁, △, ▽ bestätigen.

# Mobil-Bedienteil abnehmen / einsetzen

Entriegelungstaste drücken und das Bedienfeld nach vorne abnehmen. Ohne das Bedienfeld ist das Gerät funktionsunfähig.
Zum Einsetzen das Bedienfeld in die Aussparung einlegen und durch leichten Druck verriegeln.

## Technische Daten

| | |
|---|---|
| Wellenbereiche: | FM 87,5 MHz - 108 MHz<br>AM 531 kHz - 1620 kHz<br>LW 153 kHz - 282 kHz<br>SW 5800 kHz - 6250 kHz |
| Senderspeicher: | je 10 Stationsspeicher in FM, MW, LW und KW |
| Übertragungsbereich: | 50 Hz - 16 kHz bei Cassette<br>30 Hz - 15 kHz bei FM<br>50 Hz - 2,5 kHz bei AM, LW, SW |
| EON-Funktion: | |
| PTY-Funktion: | |
| Regionalisierung: | ein- und ausschaltbar |
| Autostore: | FM, MW, LW |
| Ausgangsleistung: | 4 x 15 Watt |
| Leitungsquerschnitt: | min. 0,75 mm² |
| Lautsprecherimpedanz: | min. 4 Ohm |
| GAL: | fix definierte Anhebung der Lautstärke |
| Antenne: | Impedanz 50 Ohm |
| Telefon Mute: | Low aktiv Pegel < 2 Volt |
| Versorgungsspannung: | 12 Volt |
| Cassettendeck: | Autoreverse, elektronisch gesteuert (Full Logic Control)<br>Dolby B und C<br>Musiktitelsuchlauf vorwärts / rückwärts<br>Skip-blank automatisch nach ca. 8-15 Sekunden |
| Telefon: | Telefonbedienung über Radiotastatur möglich |
| Soundsystem: | Anschluß nur über D2B Optical Schnittstelle |
| CD Anschluß: | Es lassen sich nur MB CD - Wechsler mit D2B Optical-Schnittstelle anschließen. |
| Abspielbare CD's: | Es können nur CD's die der DIN EN 60908 entsprechen verwendet werden.<br>Der Einsatz von 8 cm CD's mit Adapter ist nicht zu empfehlen |

**Blockschaltbild**
Main Board 4010 ..... 2

**Konnektor**
Konnektorblock (Board 4040) ..... 3
Konnektor-Interface (Board 4010) ..... 4

**Spannungsversorgung**
UG9V; UD5V; UG5V (Board 4010) ..... 5

**Tuner**
FM-Tuner - Hörtuner- (Board 4010) ..... 6
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**NF-Teil**
Audiocontroller und FM-Stereodecoder ..... 10
NF-Endstufe (Board 4010) ..... 11

**Interface**
d2b-optical (Board 4010) ..... 12
Wake up-Leitung, K-Leitung (Board 4010) ..... 13

**Steuerung**
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Front- P, Tastatur mitte und rechts (Board 9090) . 18
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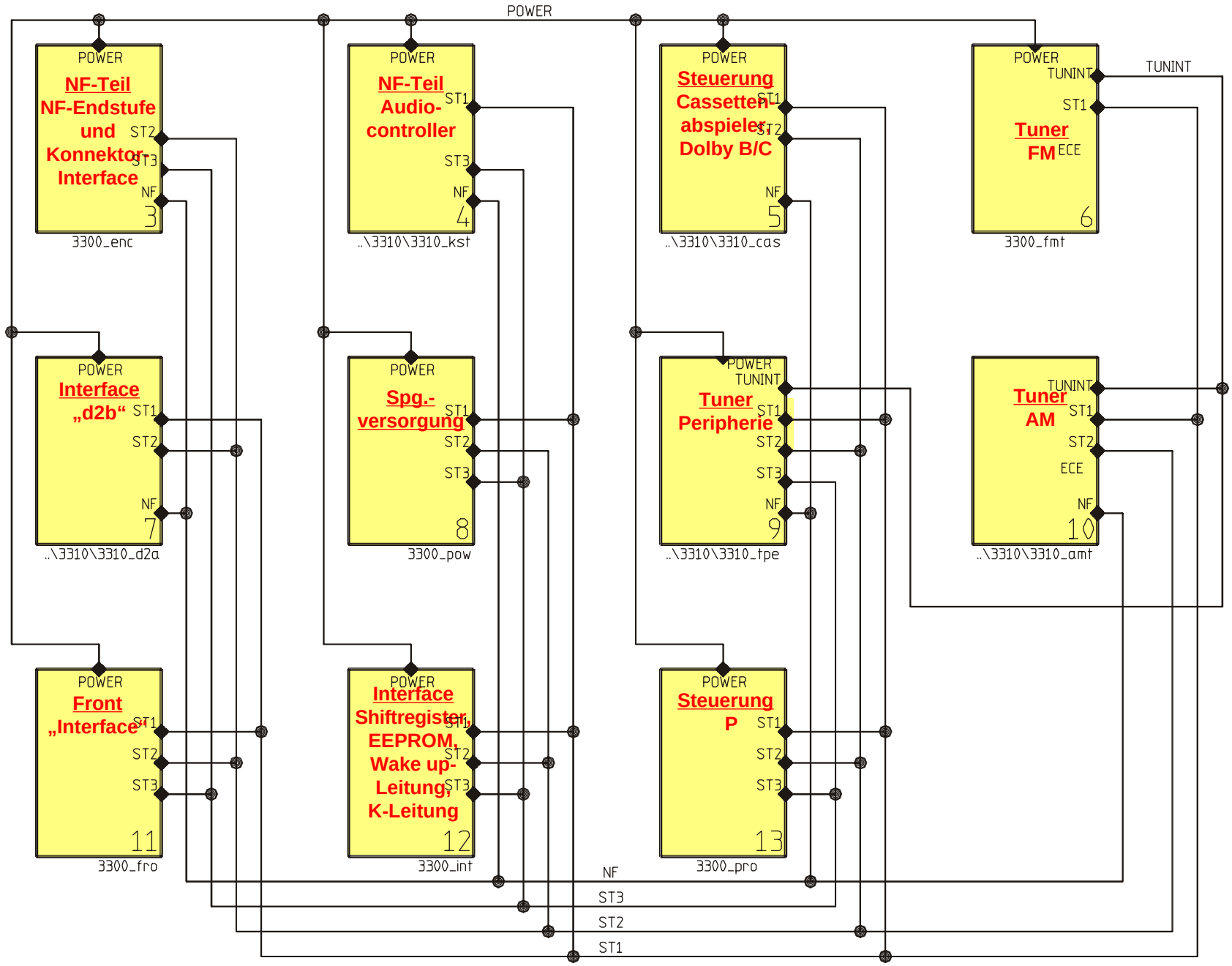
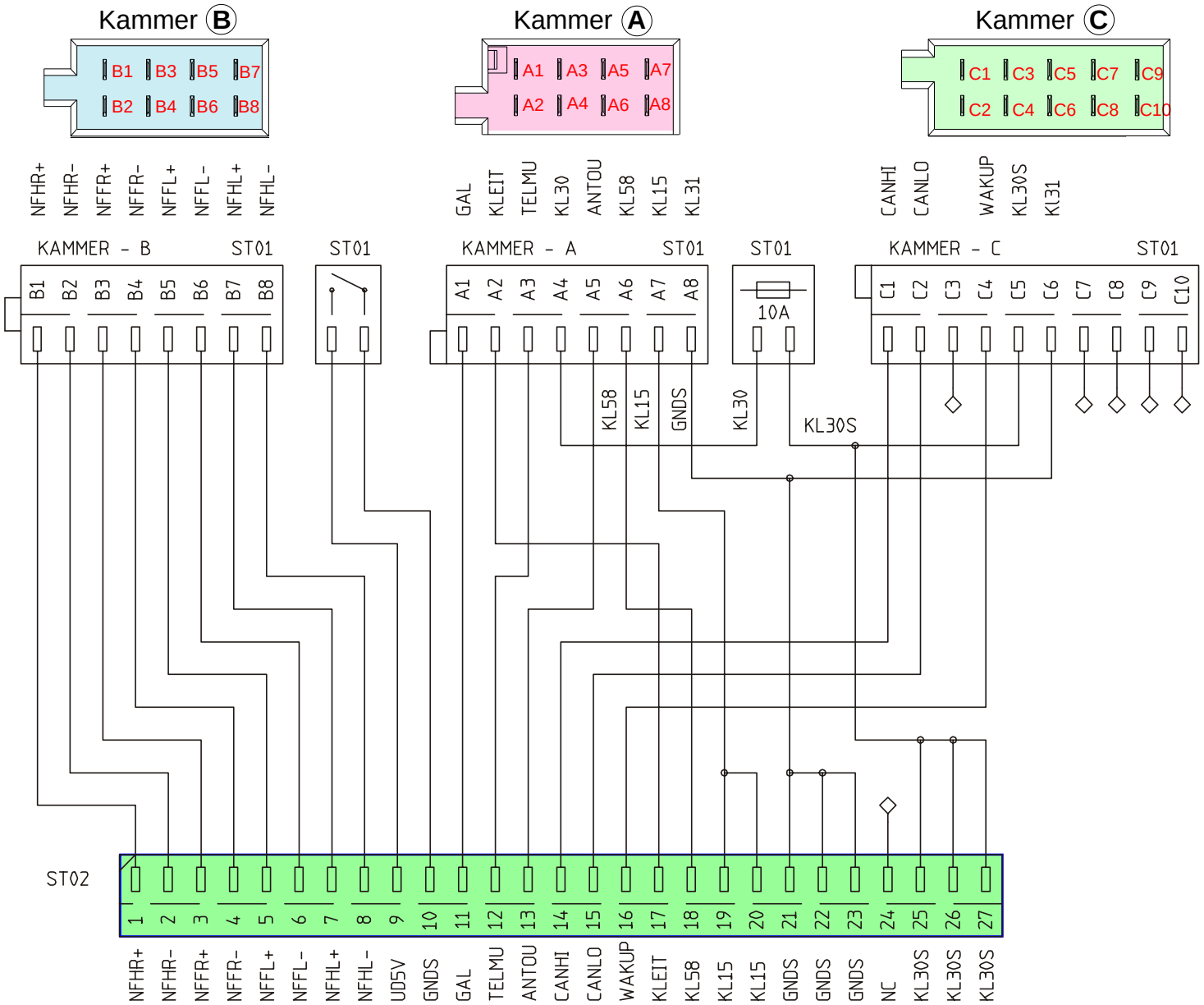
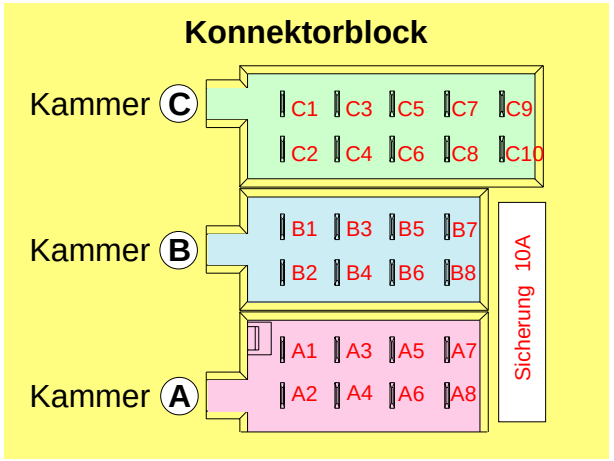
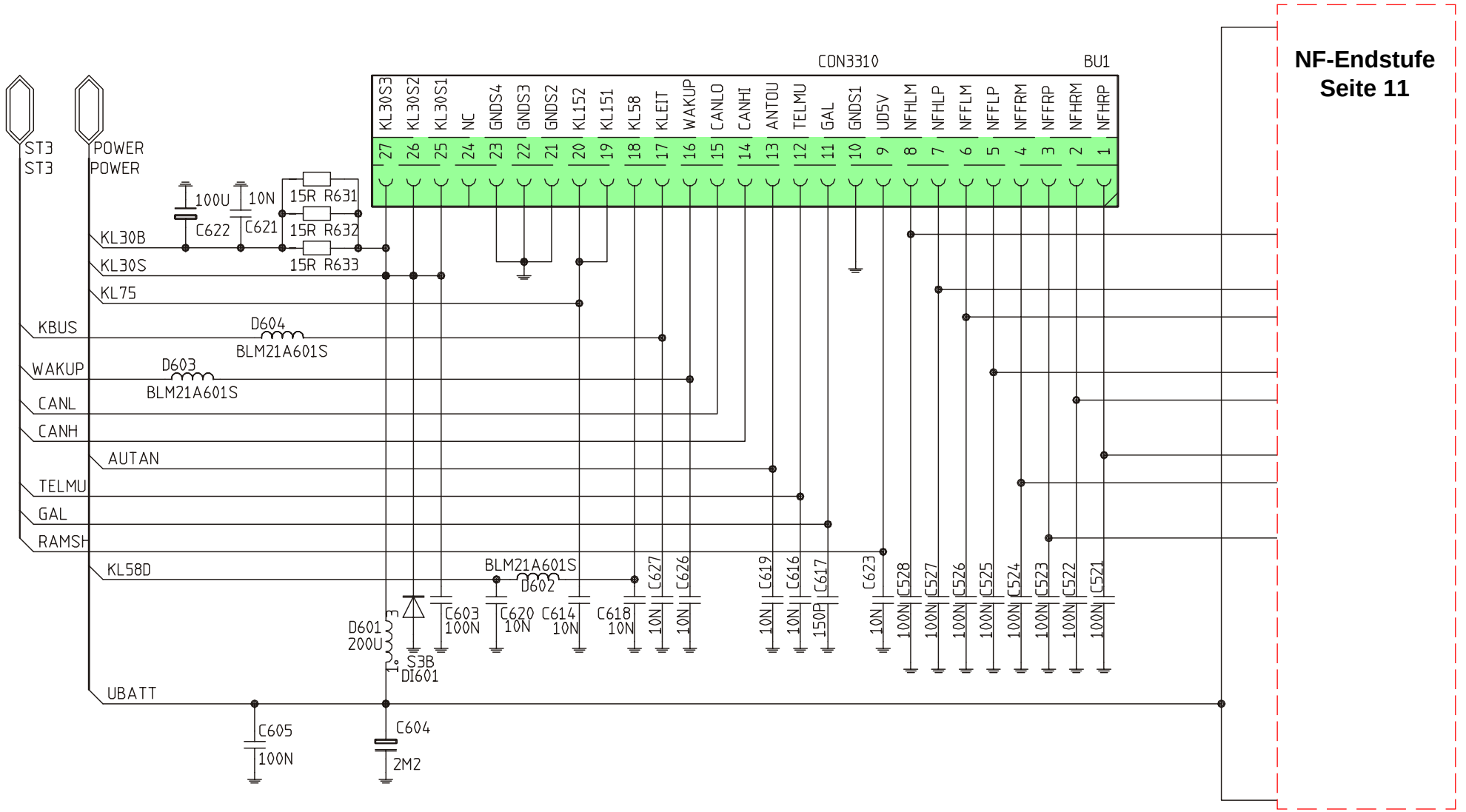
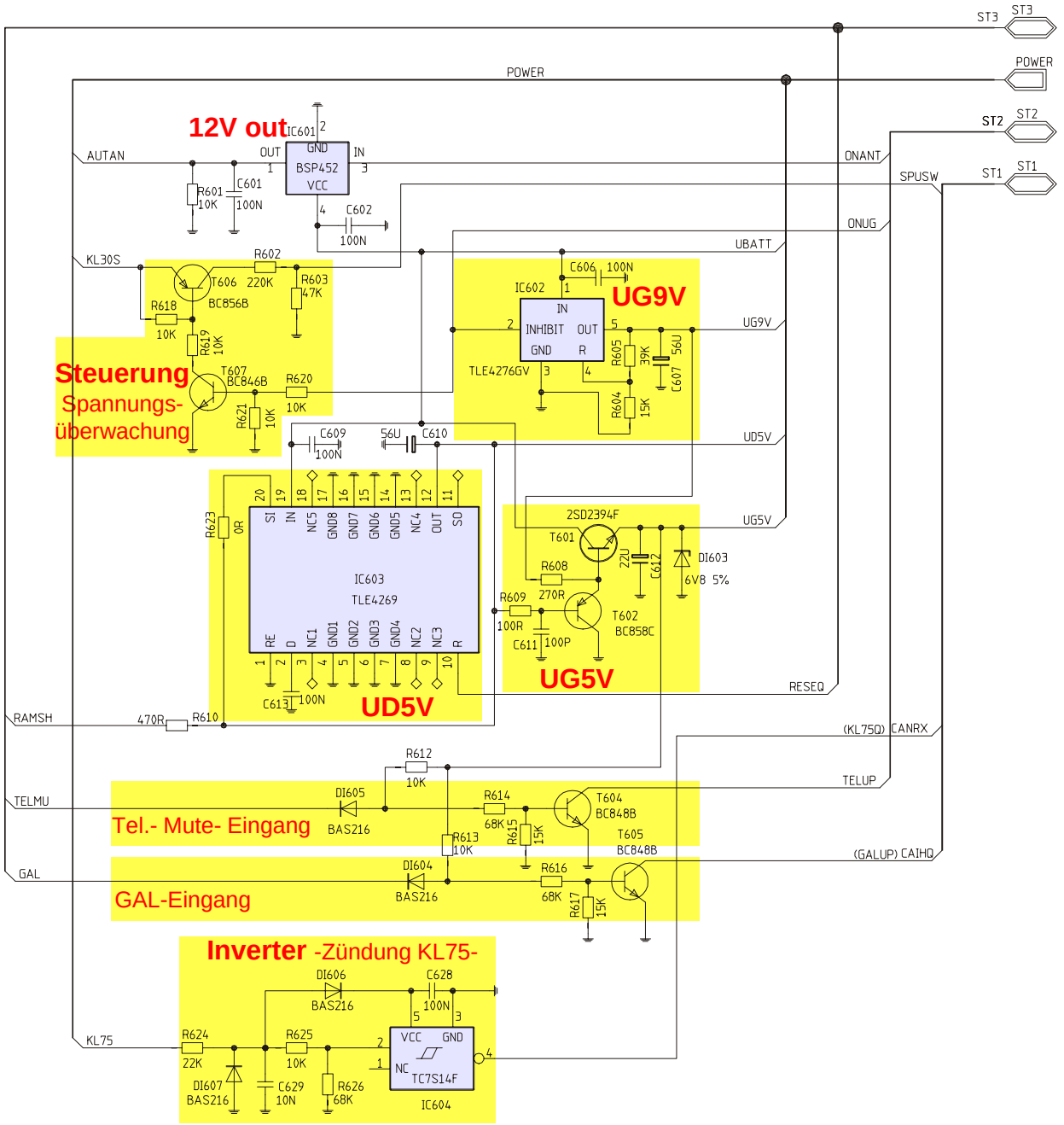

POWER
NF-Teil
NF-Endstufe
und
Konnektor-
Interface
ST2
ST3
NF
3
3300_enc
NF-Teil
Audio-
controller
ST1
ST3
NF
4
..\3310\3310_kst
Steuerung
Cassetten-
abspieler
Dolby B/C
ST1
ST2
NF
5
..\3310\3310_cas
TUNINT
Tuner
FM
ECE
6
3300_fmt
Interface
„d2b“
ST1
ST2
NF
7
..\3310\3310_d2a
Spg.-
versorgung
ST1
ST2
ST3
8
3300_pow
Tuner
Peripherie
ST1
ST2
ST3
NF
9
..\3310\3310_tpe
Tuner
AM
ST1
ST2
ECE
NF
10
..\3310\3310_amt
Front
„Interface“
ST1
ST2
ST3
11
3300_fro
Interface
Shiftregister,
EEPROM,
Wake up-
Leitung,
K-Leitung
ST1
ST2
ST3
12
3300_int
Steuerung
P
ST1
ST2
ST3
13
3300_pro
NF
ST3
ST2
ST1

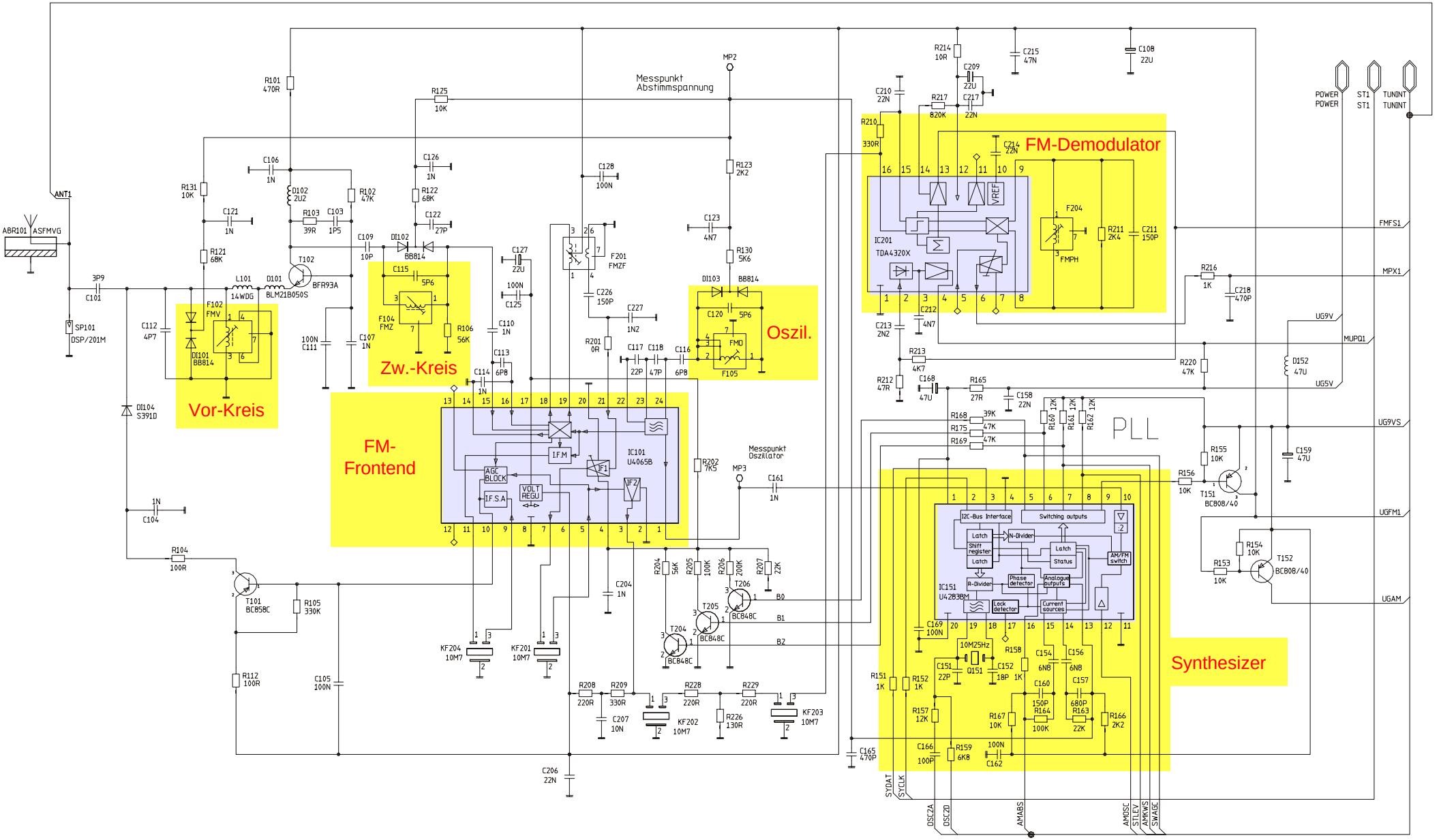

Kammer B
B1 B3 B5 B7
B2 B4 B6 B8
Kammer A
A1 A3 A5 A7
A2 A4 A6 A8
Kammer C
C1 C3 C5 C7 C9
C2 C4 C6 C8 C10
NFHR+ NFHR- NFFR+ NFFR- NFFL+ NFFL- NFHL+ NFHL-
GAL KLEIT TELMU KL30 ANTOU KL58 KL15 KL31
CANHI CANLO WAKUP KL30S KL31
KAMMER - B
ST01
KAMMER - A
ST01
10A
KAMMER - C
ST01
KL58 KL15 GNDS KL30 KL30S
ST02
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
NFHR+ NFHR- NFFR+ NFFR- NFFL+ NFFL- NFHL+ NFHL- UD5V GNDS GAL TELMU ANTOU CANHI CANLO WAKUP KLEIT KL58 KL15 KL15 GNDS GNDS GNDS NC KL30S KL30S KL30S

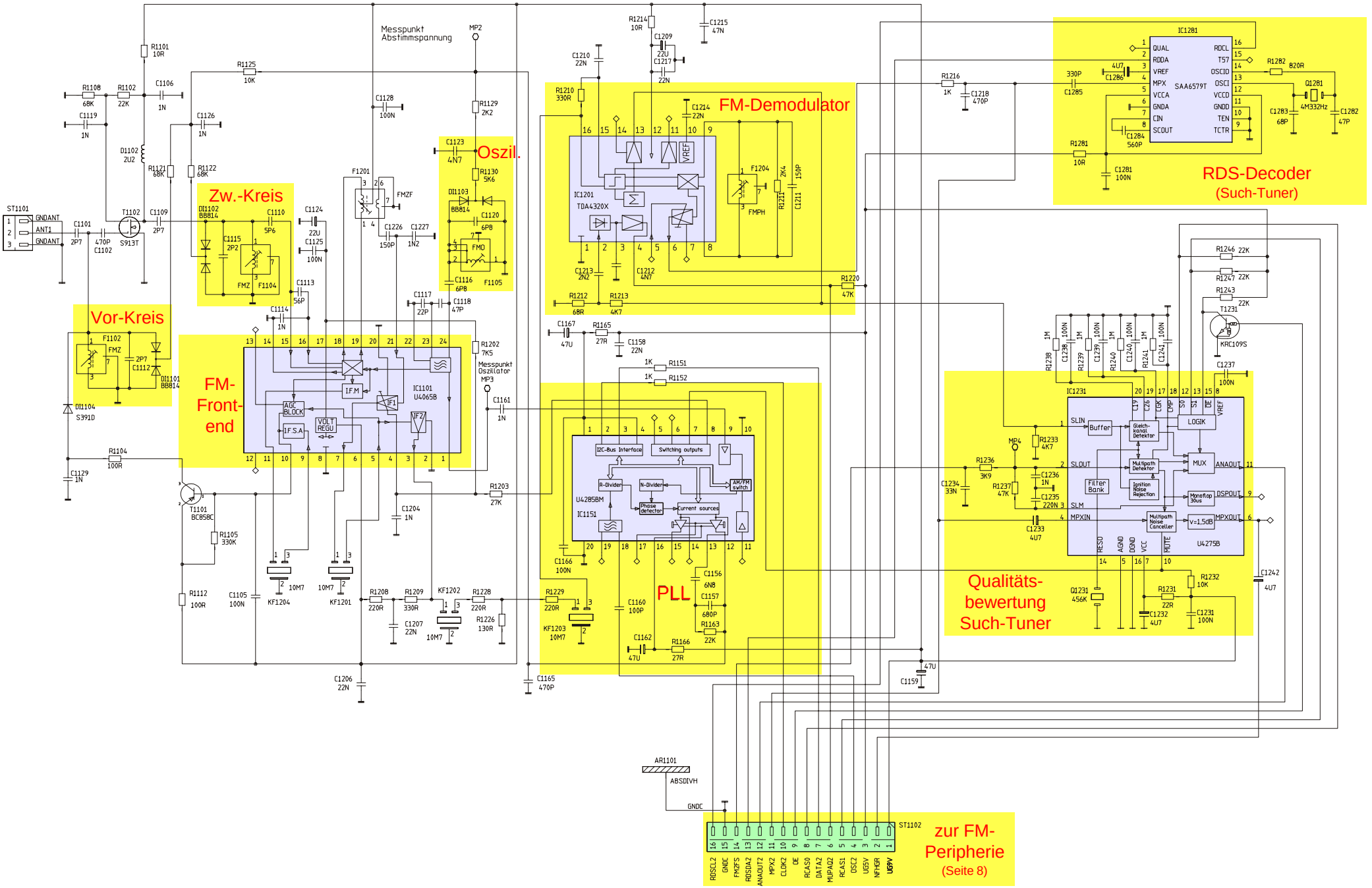


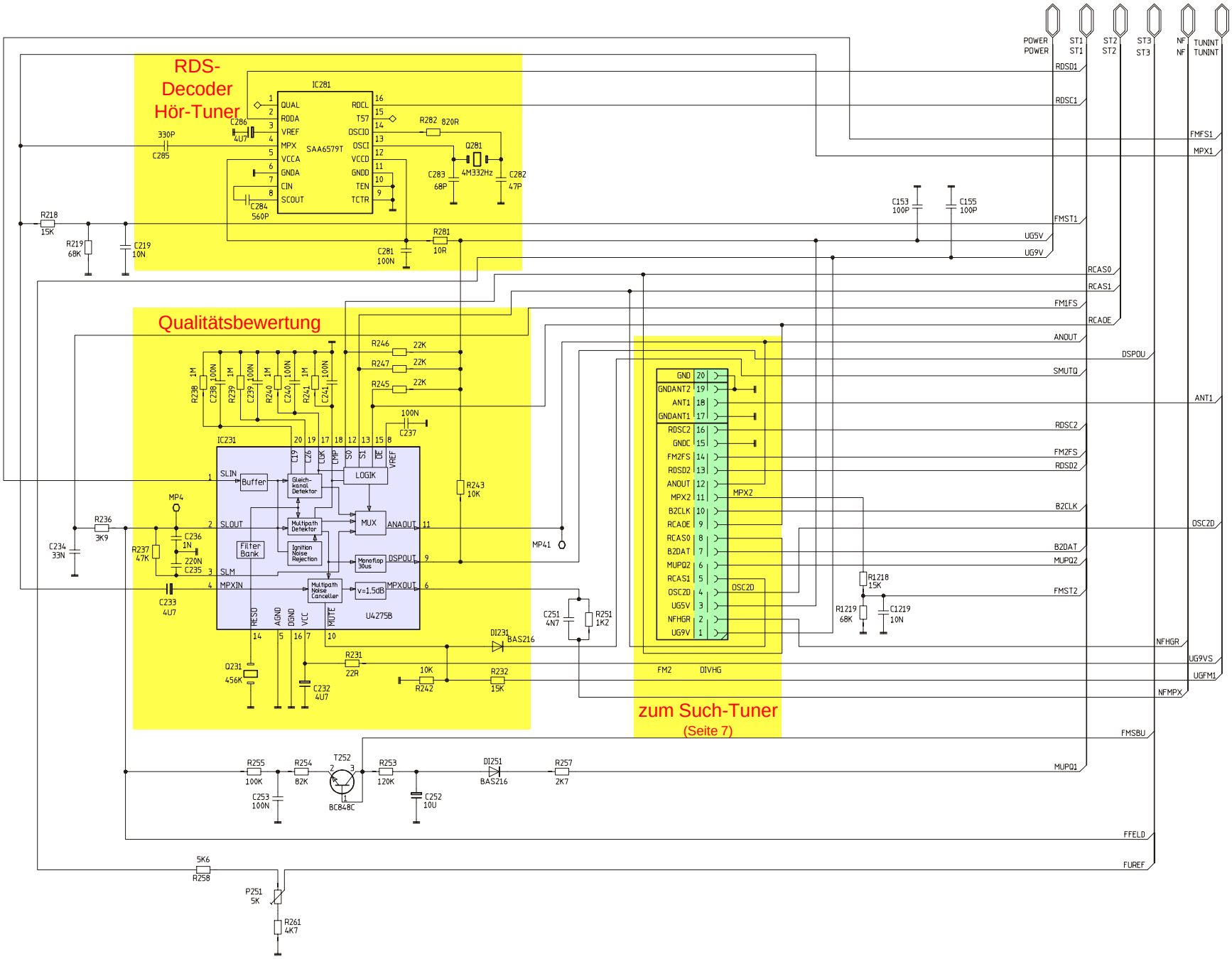

| PIN | Kammer A | Kammer B | Kammer C |
|---|---|---|---|
| 1 | GAL | Lautsprecher Heck rechts+ | frei |
| 2 | K-Leitung | Lautsprecher Heck rechts - | frei |
| 3 | Telefon-Mute | Lautsprecher Front rechts+ | frei |
| 4 | KL30 Batterie | Lautsprecher Front rechts - | Wake up-Leitung |
| 5 | Steuer-ausgang12V | Lautsprecher Front links+ | Ubatt. (KL30) nach Sicherung |
| 6 | KL58 Beleuchtung | Lautsprecher Front links - | KL31 Masse |
| 7 | KL15 Zündung | Lautsprecher Heck links+ | frei |
| 8 | KL31 Masse | Lautsprecher Heck links - | frei |
| 9 | | | frei |
| 10 | | | frei |

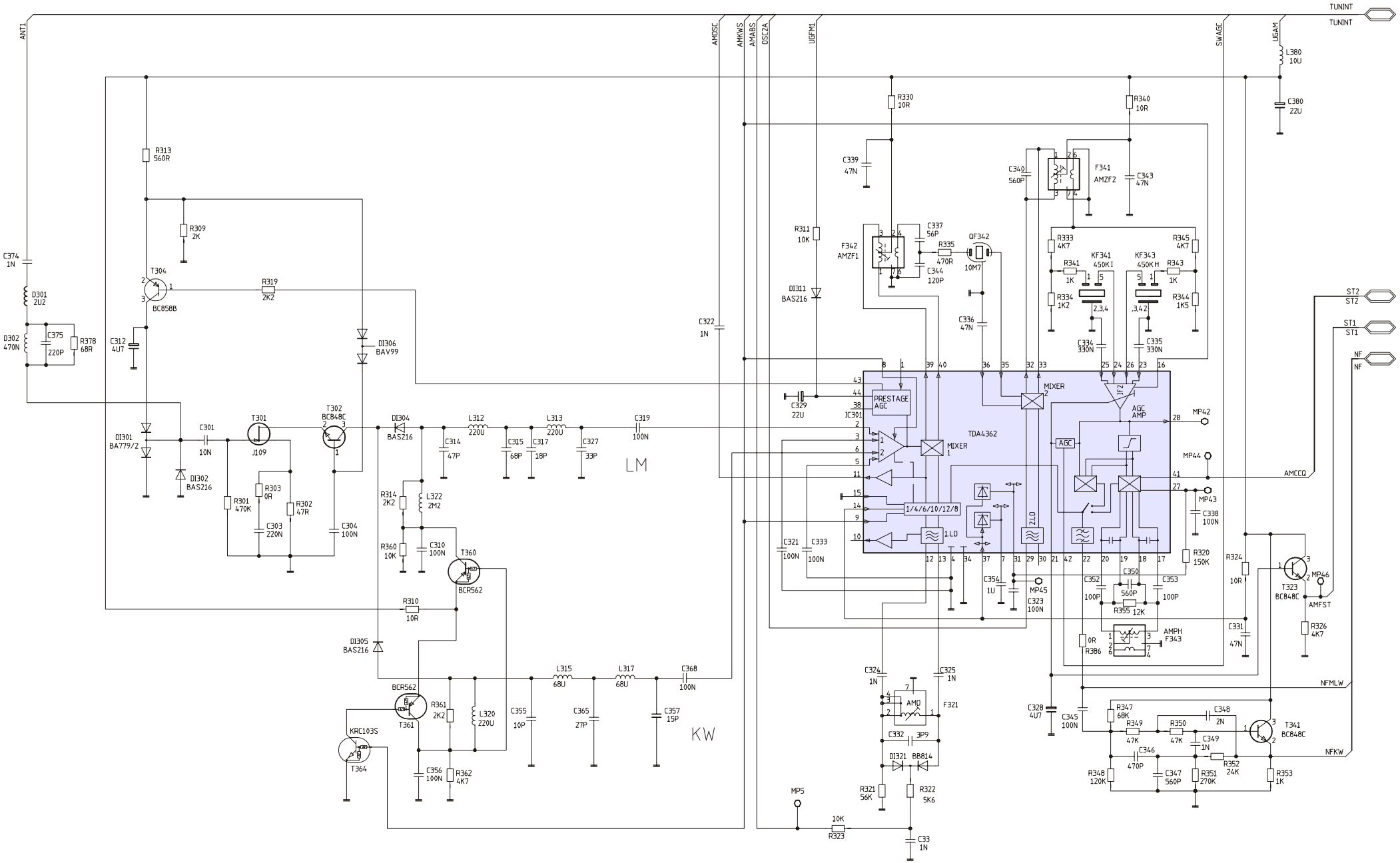

CON3310
BU1
KL30S3
KL30S2
KL30S1
NC
GNDS4
GNDS3
GNDS2
KL152
KL151
KL58
KLEIT
WAKUP
CANLO
CANHI
ANTOU
TELMU
GAL
GNDS1
UD5V
NFHLM
NFHLP
NFFLM
NFFLP
NFFRM
NFFRP
NFHRM
NFHRP
27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1
ST3
ST3
POWER
POWER
100U
C622
10N
C621
15R R631
15R R632
15R R633
KL30B
KL30S
KL75
KBUS
D604
BLM21A601S
WAKUP
D603
BLM21A601S
CANL
CANH
AUTAN
TELMU
GAL
RAMSH
KL58D
BLM21A601S
D602
D601
200U
S3B
DI601
C603 100N
C620 10N
C614 10N
C618 10N
C627 10N
C626 10N
C619 10N
C616 10N
C617 150P
C623 10N
C528 100N
C527 100N
C526 100N
C525 100N
C524 100N
C523 100N
C522 100N
C521 100N
UBATT
C605
100N
C604
2M2
NF-Endstufe
Seite 11

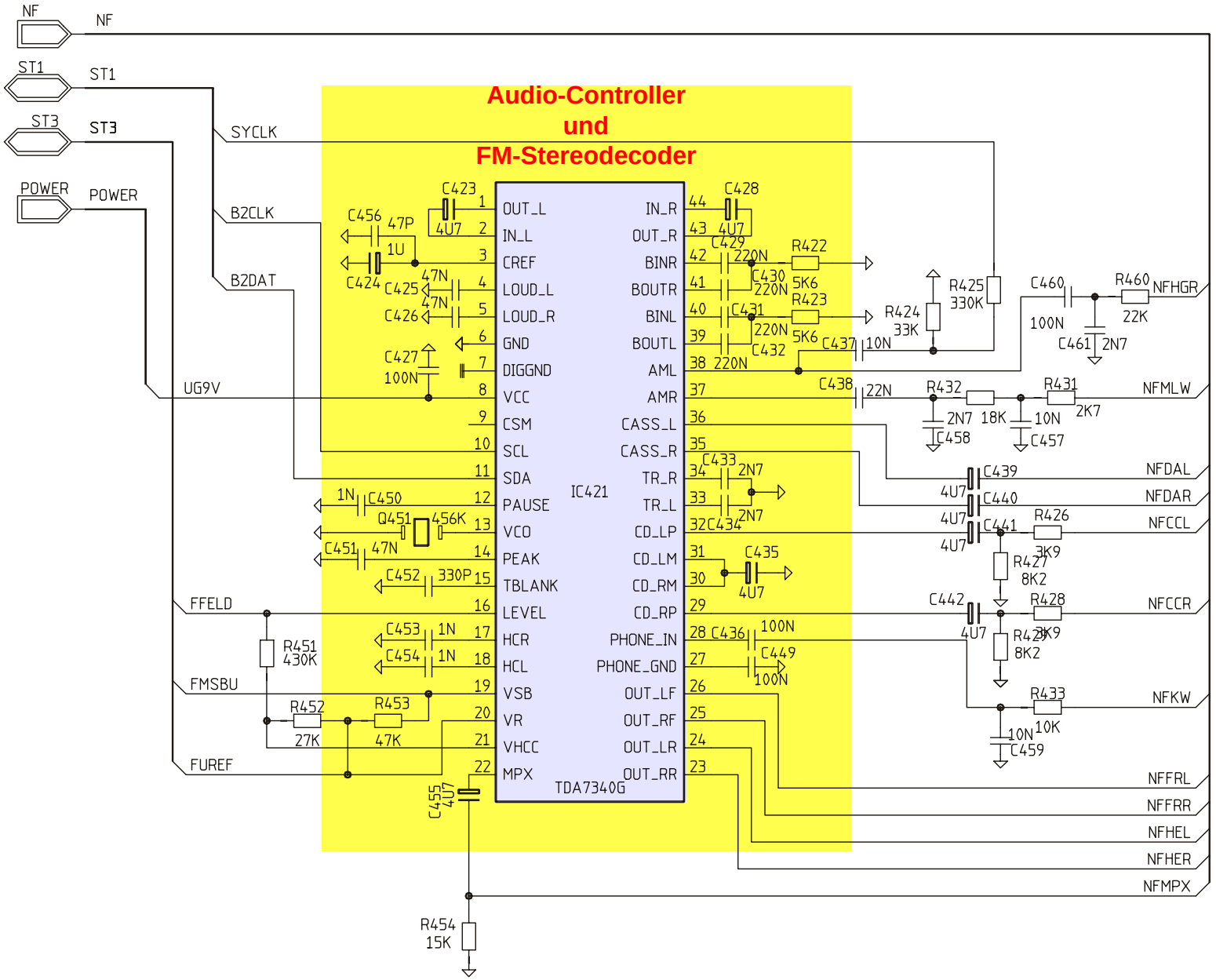

12V out
Steuerung
Spannungs-
überwachung
UG9V
UG5V
UD5V
Tel.- Mute- Eingang
GAL-Eingang
Inverter -Zündung KL75-
IC601
BSP452
IC602
TLE4276GV
IC603
TLE4269
IC604
TC7S14F
T601
2SD2394F
T602
BC858C
T604
BC848B
T605
BC848B
T606
BC856B
T607
BC846B
DI603
6V8 5%
DI604
BAS216
DI605
BAS216
DI606
BAS216
DI607
BAS216
AUTAN
ONANT
SPUSW
ONUG
UBATT
UG9V
UD5V
UG5V
RESEQ
RAMSH
TELMU
GAL
TELUP
(KL75Q) CANRX
(GALUP) CAIHQ
KL30S
KL75
POWER
ST3
ST2
ST1

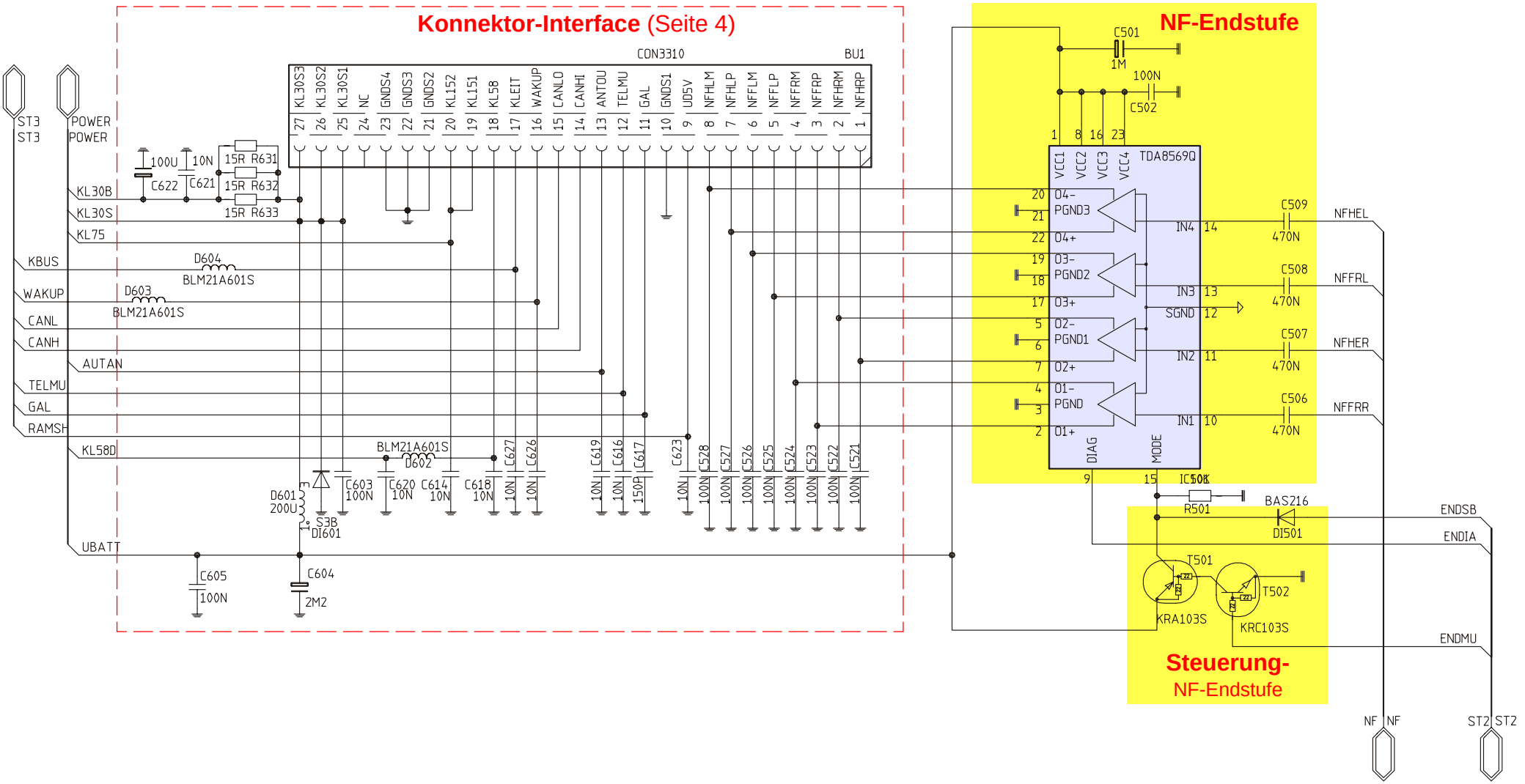

FM-Demodulator
Oszil.
Zw.-Kreis
Vor-Kreis
FM-
Frontend
PLL
Synthesizer
Messpunkt
Abstimmspannung
Messpunkt
Oszillator
ANT1
ABR101 ASFMVG
SP101
DSP/201M
DI104
S391D
T101
BC858C
T102
BFR93A
T151
BC808/40
T152
BC808/40
T204
BC848C
T205
BC848C
T206
BC848C
IC101
U4065B
IC151
U4283BM
IC201
TDA4320X
I.F.M
AGC
BLOCK
I.F.S.A
VOLT
REGU
IF1
IF2
I2C-Bus Interface
Switching outputs
N-Divider
R-Divider
Phase
detector
Lock
detector
Current
sources
Latch
Shift
register
Status
AM/FM
switch
Analogue
outputs
VREF
FMPH
FMD
POWER
POWER
ST1
ST1
TUNINT
TUNINT
FMFS1
MPX1
UG9V
MUPQ1
UG5V
UG9VS
UGFM1
UGAM
SYDAT
SYCLK
OSC2A
OSC2D
AMABS
AMOSC
STLEV
AMKWS
SWAGC

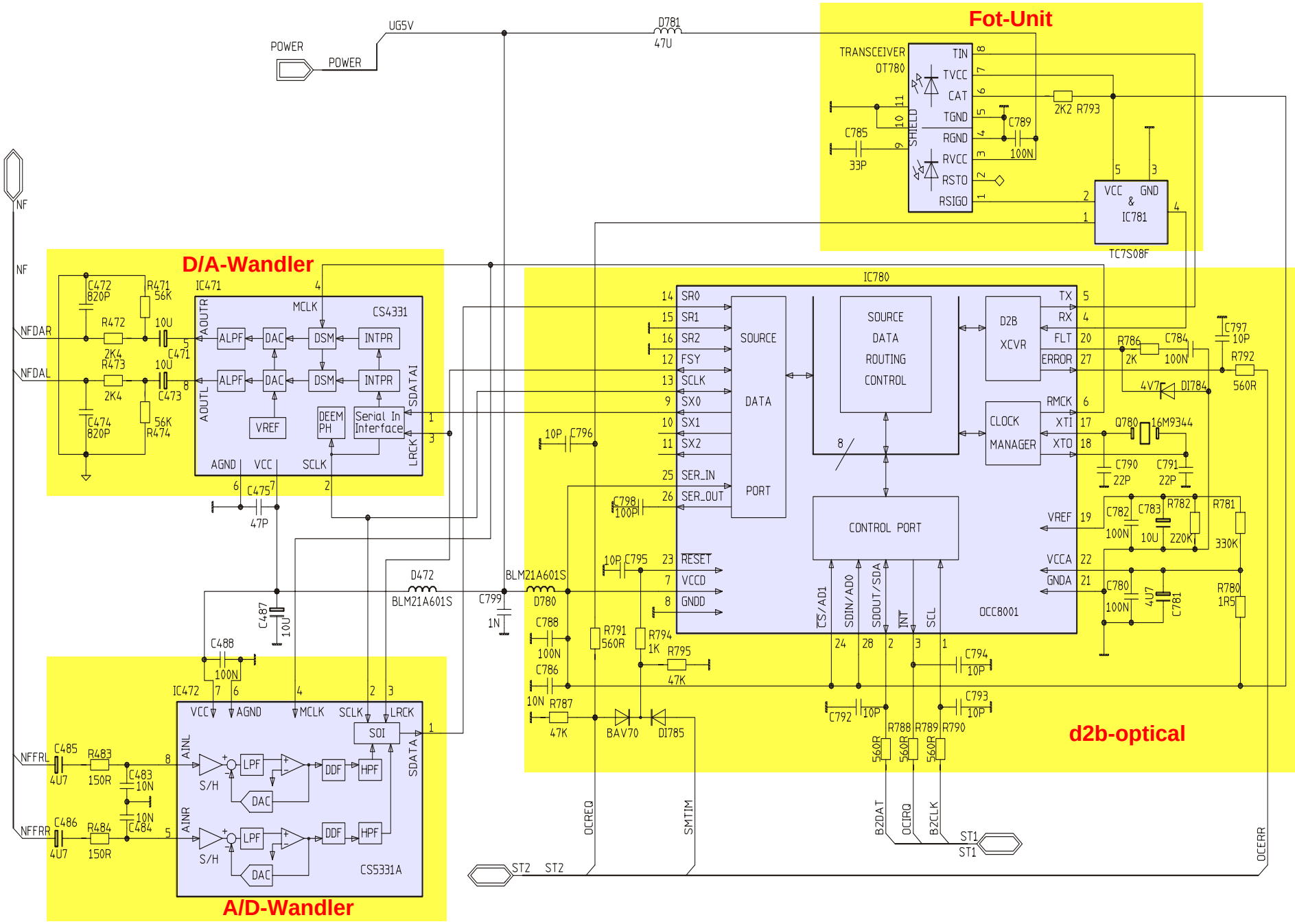

Messpunkt Abstimmspannung
MP2
Oszil.
Zw.-Kreis
Vor-Kreis
FM-Front-end
FM-Demodulator
PLL
RDS-Decoder (Such-Tuner)
Qualitäts-bewertung Such-Tuner
zur FM-Peripherie (Seite 8)
ST1102
IC1201 TDA4320X
IC1101 U4065B
U4285BM
IC1151
IC1281 SAA6579T
IC1231 U4275B
T1101 BC858C
T1102 S913T
T1231 KRC109S
AR1101 ABSDIVH
GNDC

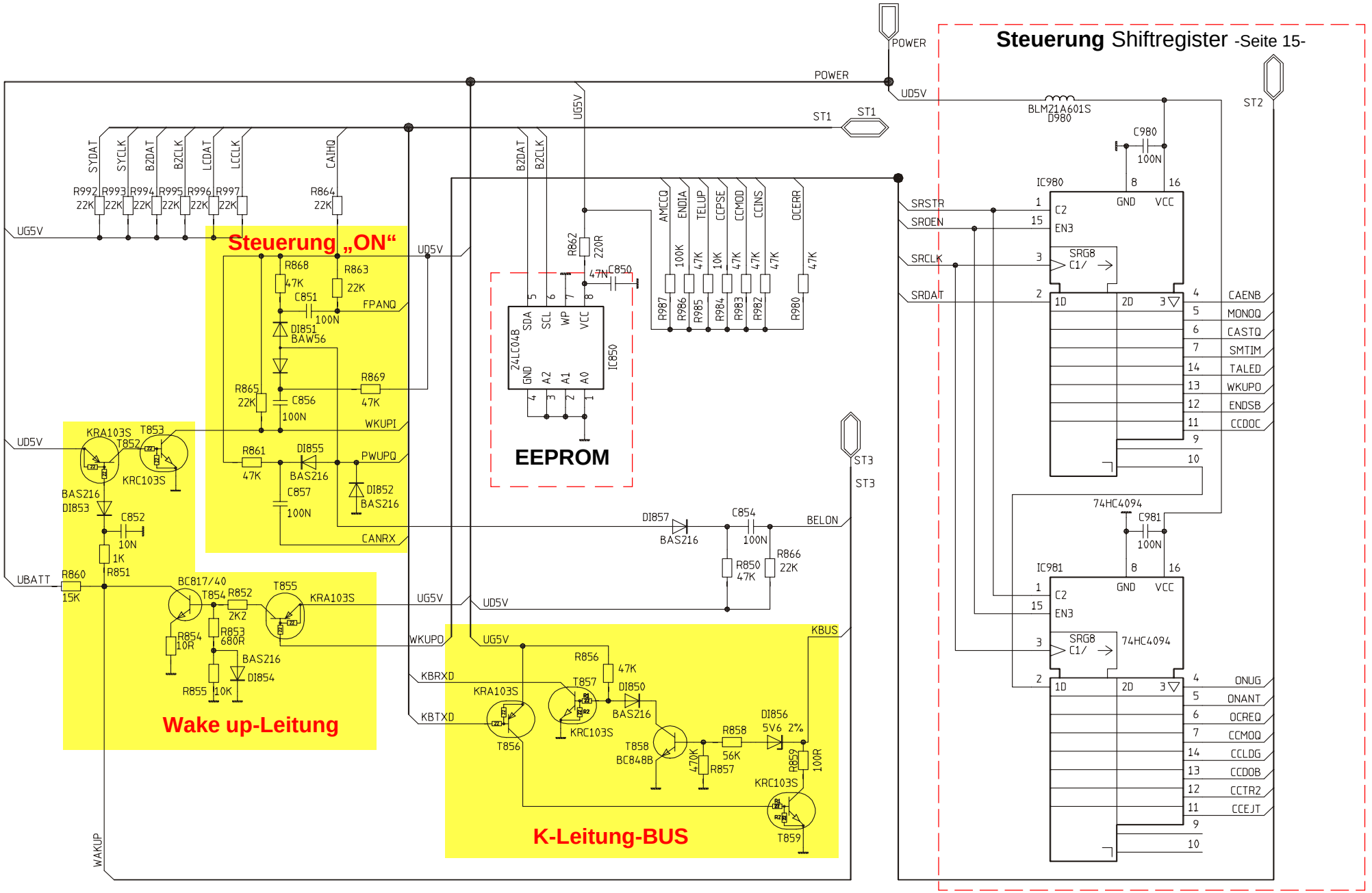

RDS-
Decoder
Hör-Tuner
IC281
SAA6579T
QUAL
RDDA
VREF
MPX
VCCA
GNDA
CIN
SCOUT
RDCL
TST
OSCIO
OSCI
VCCD
GNDD
TEN
TCTR
C286 4U7
330P C285
R282 820R
Q281 4M332Hz
C283 68P
C282 47P
C284 560P
R218 15K
R219 68K
C219 10N
C281 100N
R281 10R
C153 100P
C155 100P
Qualitätsbewertung
R246 22K
R247 22K
R245 22K
100N C237
IC231
SLIN
SLOUT
SLM
MPXIN
Buffer
Gleich-kanal Detektor
LOGIK
Multipath Detektor
Filter Bank
Ignition Noise Rejection
MUX
Monoflop 30us
Multipath Noise Canceller
v=1.5dB
ANAOUT
DSPOUT
MPXOUT
U4275B
MP4
MP41
R236 3K9
C234 33N
R237 47K
C236 1N
220N C235
C233 4U7
R243 10K
C251 4N7
R251 1K2
DI231 BAS216
R231 22R
Q231 456K
C232 4U7
10K R242
R232 15K
zum Such-Tuner
(Seite 7)
FM2
DIVHG
GND
GNDANT2
ANT1
GNDANT1
RDSC2
GNDC
FM2FS
RDSD2
ANOUT
MPX2
B2CLK
RCAOE
RCAS0
RCAS1
OSC2D
UG5V
NFHGR
UG9V
R1218 15K
R1219 68K
C1219 10N
R255 100K
R254 82K
T252 BC848C
R253 120K
C253 100N
C252 10U
DI251 BAS216
R257 2K7
5K6 R258
P251 5K
R261 4K7
POWER
ST1
ST2
ST3
NF
TUNINT
RDSD1
RDSC1
FMFS1
MPX1
FMST1
UG5V
UG9V
RCAS0
RCAS1
FM1FS
RCAOE
ANOUT
DSPOU
SMUTQ
ANT1
RDSC2
FM2FS
RDSD2
B2CLK
OSC2D
B2DAT
MUPQ2
FMST2
NFHGR
UG9VS
UGFM1
NFMPX
FMSBU
MUPQ1
FFELD
FUREF

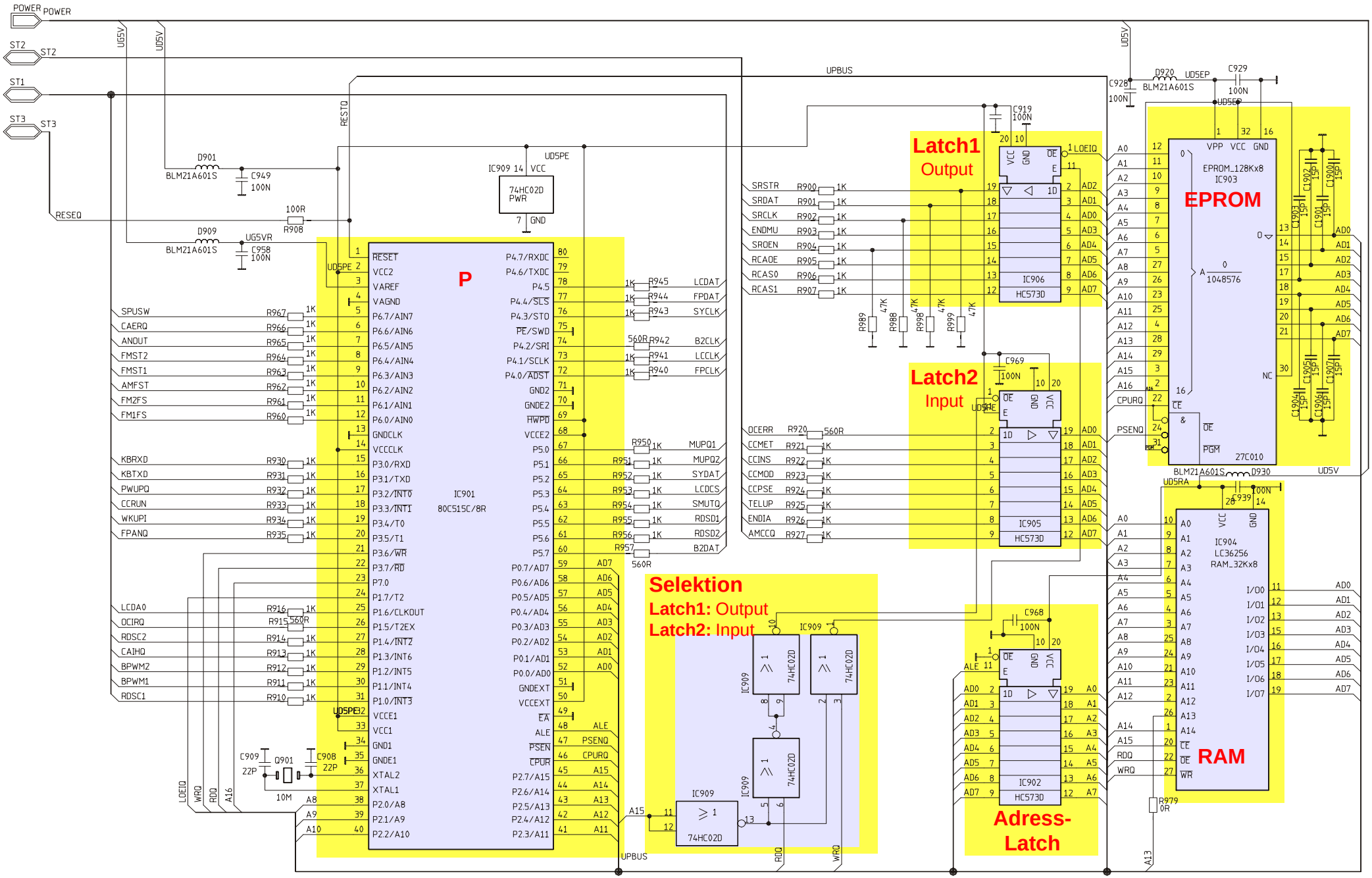

ANT1
AMOSC
AMKWS
AMABS
OSCZA
UGFM1
SWAGE
UGAM
TUNINT
TUNINT
L380 10U
C380 22U
R330 10R
R340 10R
C339 47N
C340 560P
F341 AMZF2
C343 47N
R313 560R
R309 2K
R311 10K
F342 AMZF1
C337 56P
R335 470R
C344 120P
QF342 10M7
R333 4K7
R345 4K7
KF341 450K1
KF343 450KH
R341 1K
R343 1K
R334 1K2
R344 1K5
C334 330N
C335 330N
C336 47N
DI311 BAS216
C374 1N
D301 2U2
T304 BC858B
R319 2K2
D302 470N
C375 220P
R378 68R
C312 4U7
DI306 BAV99
C322 1N
C329 22U
IC301
TDA4362
PRESTAGE AGC
MIXER
AGC AMP
AGC
1/4/6/10/12/8
1.LO
2.LO
IF2
MP42
MP44
MP43
AMCCO
C338 100N
R320 150K
C321 100N
C333 100N
C354 1U
MP45
C323 100N
C352 100P
C350 560P
C353 100P
R355 12K
AMPH F343
R386 0R
C331 47N
R324 10R
T323 BC848C
MP46
AMFST
R326 4K7
DI301 BA779/2
C301 10N
T301 J109
T302 BC848C
DI304 BAS216
L312 220U
L313 220U
C319 100N
C314 47P
C315 68P
C317 18P
C327 33P
LM
DI302 BAS216
R301 470K
R303 0R
R302 47R
C303 220N
C304 100N
R314 2K2
L322 2M2
R360 10K
C310 100N
T360 BCR562
R310 10R
DI305 BAS216
L315 68U
L317 68U
C368 100N
BCR562
T361
R361 2K2
L320 220U
C355 10P
C365 27P
C357 15P
KW
KRC103S
T364
C356 100N
R362 4K7
C324 1N
C325 1N
AMO
F321
C332 3P9
DI321 BB814
R321 56K
R322 5K6
MP5
R323 10K
C33 1N
C328 4U7
C345 100N
R347 68K
R349 47K
C348 2N
R350 47K
C349 1N
T341 BC848C
C346 470P
C347 560P
R348 120K
R351 270K
R352 24K
R353 1K
NFMLW
NFKW
ST2
ST2
ST1
ST1
NF
NF

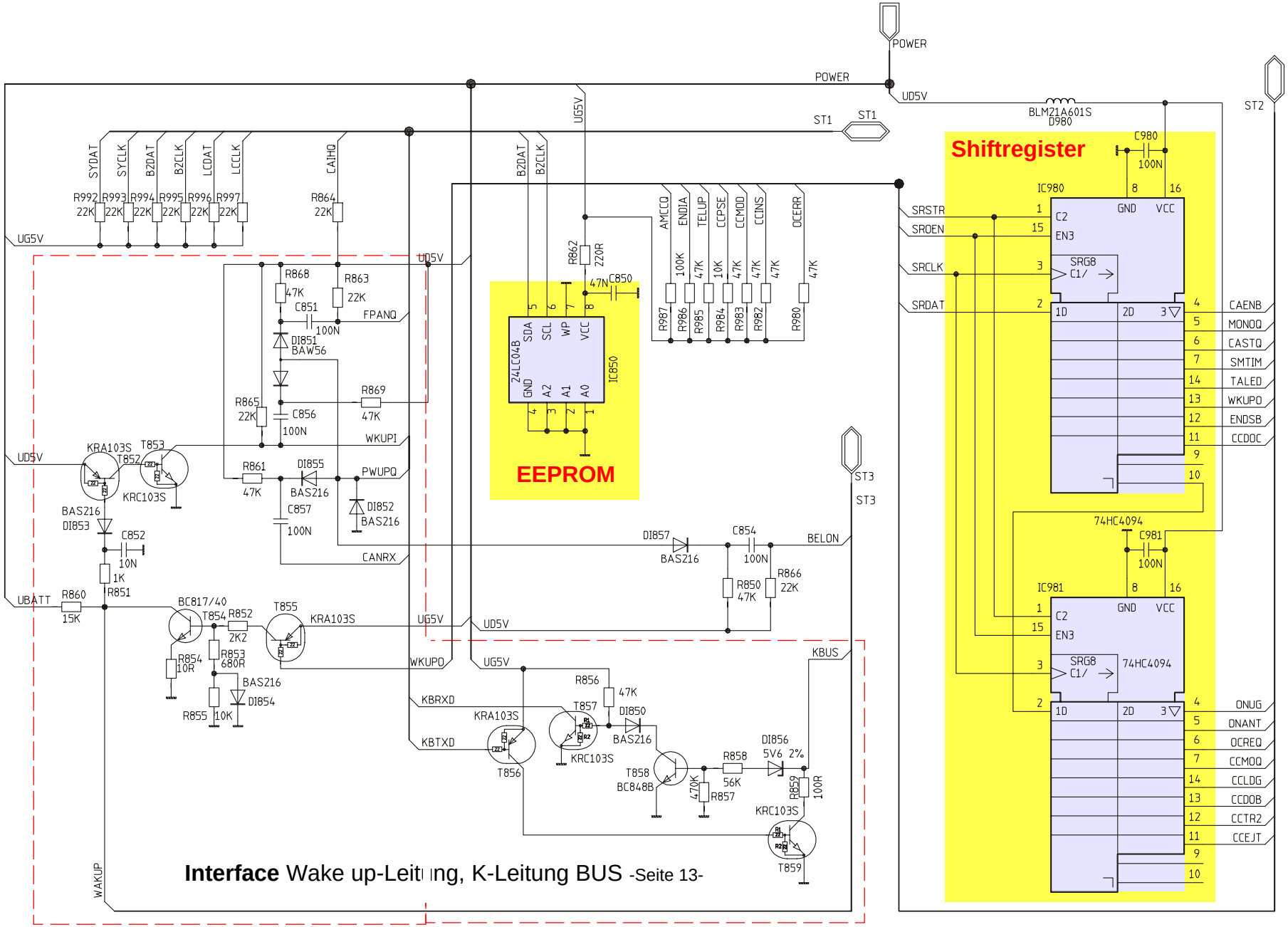

Audio-Controller
und
FM-Stereodecoder
IC421
TDA7340G
NF
ST1
ST3
POWER
SYCLK
B2CLK
B2DAT
UG9V
FFELD
FMSBU
FUREF
OUT_L
IN_L
CREF
LOUD_L
LOUD_R
GND
DIGGND
VCC
CSM
SCL
SDA
PAUSE
VCO
PEAK
TBLANK
LEVEL
HCR
HCL
VSB
VR
VHCC
MPX
IN_R
OUT_R
BINR
BOUTR
BINL
BOUTL
AML
AMR
CASS_L
CASS_R
TR_R
TR_L
CD_LP
CD_LM
CD_RM
CD_RP
PHONE_IN
PHONE_GND
OUT_LF
OUT_RF
OUT_LR
OUT_RR
NFHGR
NFMLW
NFDAL
NFDAR
NFCCL
NFCCR
NFKW
NFFRL
NFFRR
NFHEL
NFHER
NFMPX

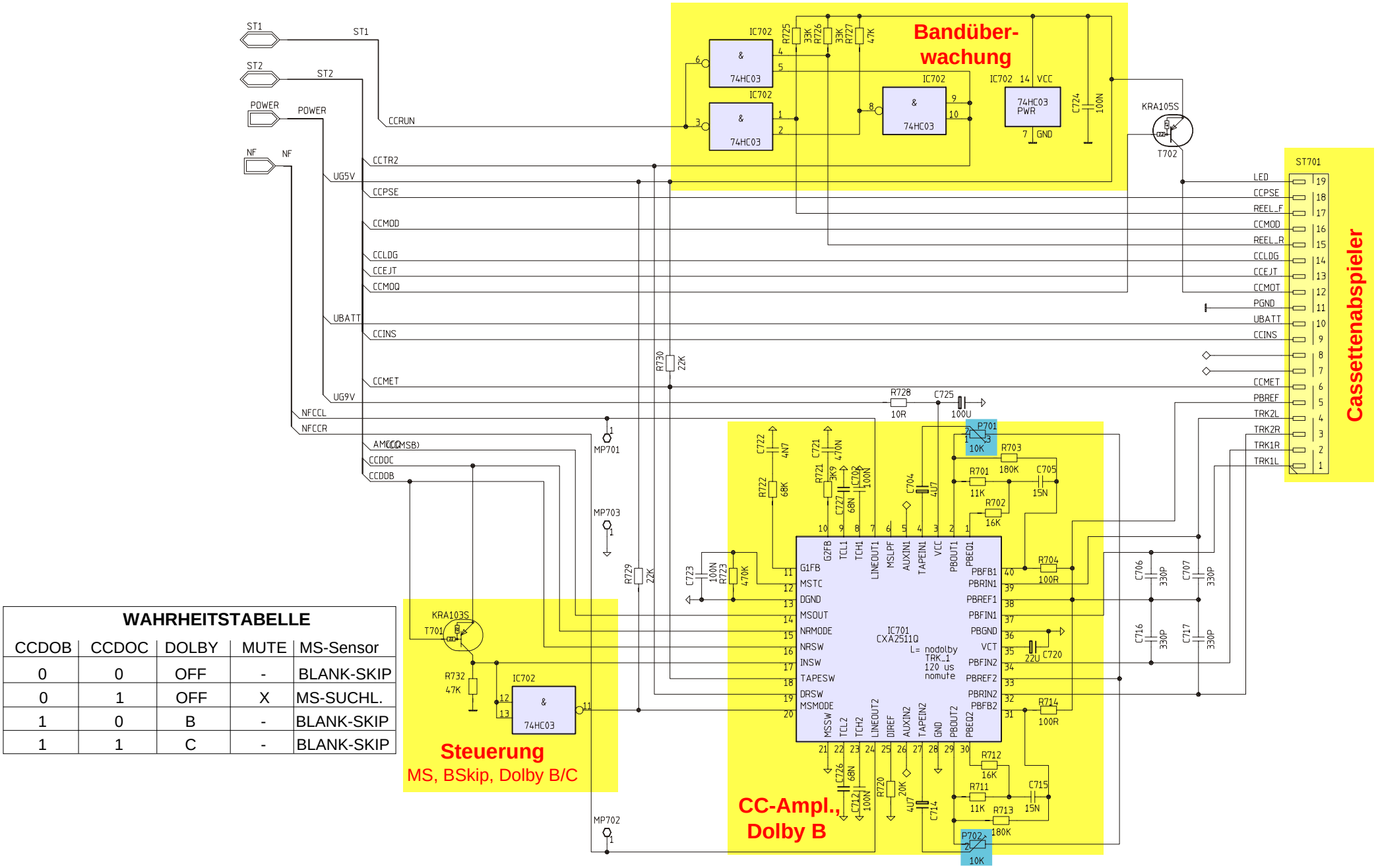

Konnektor-Interface (Seite 4)
CON3310
BU1
KL30S3
KL30S2
KL30S1
NC
GNDS4
GNDS3
GNDS2
KL152
KL151
KL58
KLEIT
WAKUP
CANLO
CANHI
ANTOU
TELMU
GAL
GNDS1
UDSV
NFHLM
NFHLP
NFFLM
NFFLP
NFFRM
NFFRP
NFHRM
NFHRP
ST3
ST3
POWER
POWER
KL30B
KL30S
KL75
KBUS
WAKUP
CANL
CANH
AUTAN
TELMU
GAL
RAMSH
KL58D
UBATT
C622 100U
C621 10N
15R R631
15R R632
15R R633
D604 BLM21A601S
D603 BLM21A601S
D602 BLM21A601S
D601 200U
S3B DI601
C603 100N
C620 10N
C614 10N
C618 10N
C627 10N
C626 10N
C619 10N
C616 10N
C617 150P
C623 10N
C528 100N
C527 100N
C526 100N
C525 100N
C524 100N
C523 100N
C522 100N
C521 100N
C605 100N
C604 2M2
NF-Endstufe
C501 1M
C502 100N
TDA8569Q
VCC1
VCC2
VCC3
VCC4
O4- PGND3
O4+
O3- PGND2
O3+
O2- PGND1
O2+
O1- PGND
O1+
DIAG
MODE
SGND
IN4
IN3
IN2
IN1
C509 470N
C508 470N
C507 470N
C506 470N
NFHEL
NFFRL
NFHER
NFFRR
R501
BAS216
DI501
T501
T502
KRA103S
KRC103S
ENDSB
ENDIA
ENDMU
Steuerung-
NF-Endstufe
NF
NF
ST2
ST2


Fot-Unit
TRANSCEIVER
OT780
TIN
TVCC
CAT
TGND
RGND
RVCC
RSTO
RSIGO
SHIELD
C785
33P
C789
100N
2K2 R793
VCC & GND
IC781
TC7S08F
D781
47U
POWER
UG5V
NF
D/A-Wandler
IC471
CS4331
MCLK
AOUTR
AOUTL
ALPF
DAC
DSM
INTPR
VREF
DEEM PH
Serial In Interface
SDATAI
LRCK
AGND
VCC
SCLK
C472 820P
R471 56K
R472 2K4
R473 2K4
C471 10U
C473 10U
C474 820P
R474 56K
C475 47P
NFDAR
NFDAL
IC780
SOURCE DATA PORT
SOURCE DATA ROUTING CONTROL
CONTROL PORT
D2B XCVR
CLOCK MANAGER
OCC8001
SR0
SR1
SR2
FSY
SCLK
SX0
SX1
SX2
SER_IN
SER_OUT
RESET
VCCD
GNDD
TX
RX
FLT
ERROR
RMCK
XTI
XTO
VREF
VCCA
GNDA
CS/AD1
SDIN/AD0
SDOUT/SDA
INT
SCL
C796 10P
C798 100P
C795 10P
C799 1N
D472 BLM21A601S
D780 BLM21A601S
C487 10U
C488 100N
C788 100N
C786 10N
R791 560R
R794 1K
R795 47K
R787 47K
BAV70
DI785
C792 10P
C794 10P
C793 10P
R788 560R
R789 560R
R790 560R
C797 10P
R792 560R
R786 2K
C784 100N
4V7
DI784
Q780 16M9344
C790 22P
C791 22P
C782 100N
C783 10U
R782 220K
R781 330K
C780 100N
C781 4U7
R780 1R5
d2b-optical
IC472
CS5331A
A/D-Wandler
VCC
AGND
MCLK
SCLK
LRCK
SDI
SDATA
AINL
AINR
S/H
LPF
DDF
HPF
DAC
C485 4U7
C486 4U7
R483 150R
R484 150R
C483 10N
C484 10N
NFFRL
NFFRR
OCREQ
SMTIM
B2DAT
OCIRQ
B2CLK
OCERR
ST1
ST2


Steuerung „ON“
Wake up-Leitung
EEPROM
K-Leitung-BUS
Steuerung Shiftregister -Seite 15-
POWER
UD5V
UG5V
ST1
ST2
ST3
SYDAT
SYCLK
B2DAT
B2CLK
LCDAT
LCCLK
CAIHQ
R992 22K
R993 22K
R994 22K
R995 22K
R996 22K
R997 22K
R864 22K
R868 47K
R863 22K
C851 100N
DI851 BAW56
FPANQ
R865 22K
C856 100N
R869 47K
WKUPI
R861 47K
DI855 BAS216
PWUPQ
C857 100N
DI852 BAS216
CANRX
KRA103S T853
T852
KRC103S
BAS216 DI853
C852 10N
1K R851
UBATT
R860 15K
BC817/40 T854
R852 2K2
T855 KRA103S
R854 10R
R853 680R
BAS216 DI854
R855 10K
WAKUP
R862 220R
47N C850
24LC04B
SDA SCL WP VCC
GND A2 A1 A0
IC850
AMCCO R987 100K
ENDIA R986 47K
TELUP R985 47K
CCPSE R984 10K
CCMOD R983 47K
CCINS R982 47K
OCERR R980 47K
DI857 BAS216
C854 100N
R850 47K
R866 22K
BELON
KBUS
WKUPO
KBRXD
KBTXD
R856 47K
T857 KRA103S
DI850 BAS216
KRC103S
T856
T858 BC848B
R858 56K
470K R857
DI856 5V6 2%
R859 100R
KRC103S
T859
BLM21A601S D980
C980 100N
IC980
GND VCC
C2
EN3
SRG8 C1/
SRSTR
SROEN
SRCLK
SRDAT
1D 2D 3
4 CAENB
5 MONOQ
6 CASTQ
7 SMTIM
14 TALED
13 WKUPO
12 ENDSB
11 CCDOC
9
10
74HC4094
C981 100N
IC981
74HC4094
4 ONUG
5 ONANT
6 OCREQ
7 CCMOQ
14 CCLDG
13 CCDOB
12 CCTR2
11 CCEJT
9
10

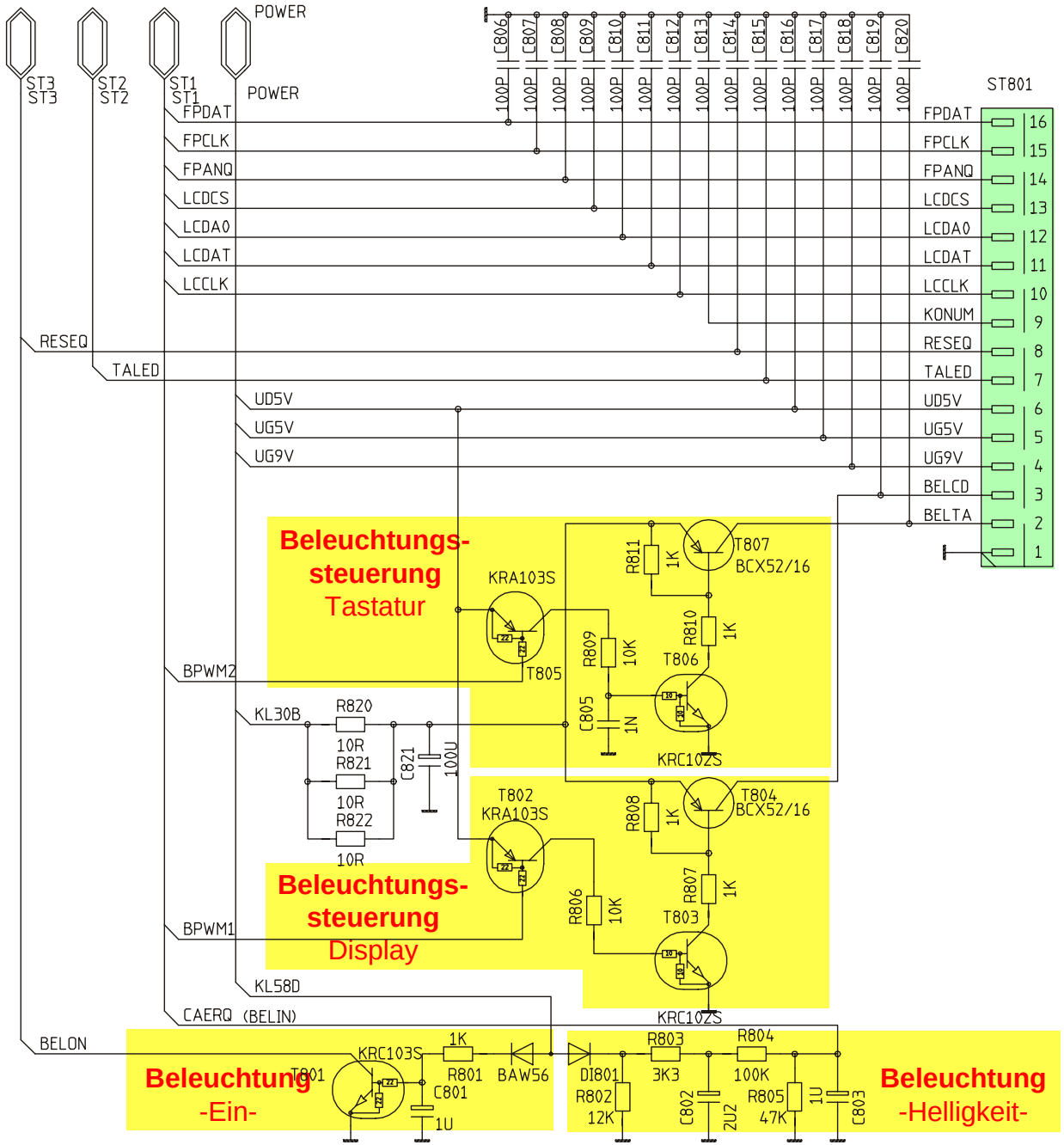

Latch1
Output
Latch2
Input
Selektion
Latch1: Output
Latch2: Input
EPROM
RAM
Adress-
Latch
P
IC901
80C515C/8R
IC904
LC36256
RAM_32Kx8
IC903
EPROM_128Kx8
IC906
HC573D
IC905
HC573D
IC902
HC573D
74HC02D
BLM21A601S
27C010

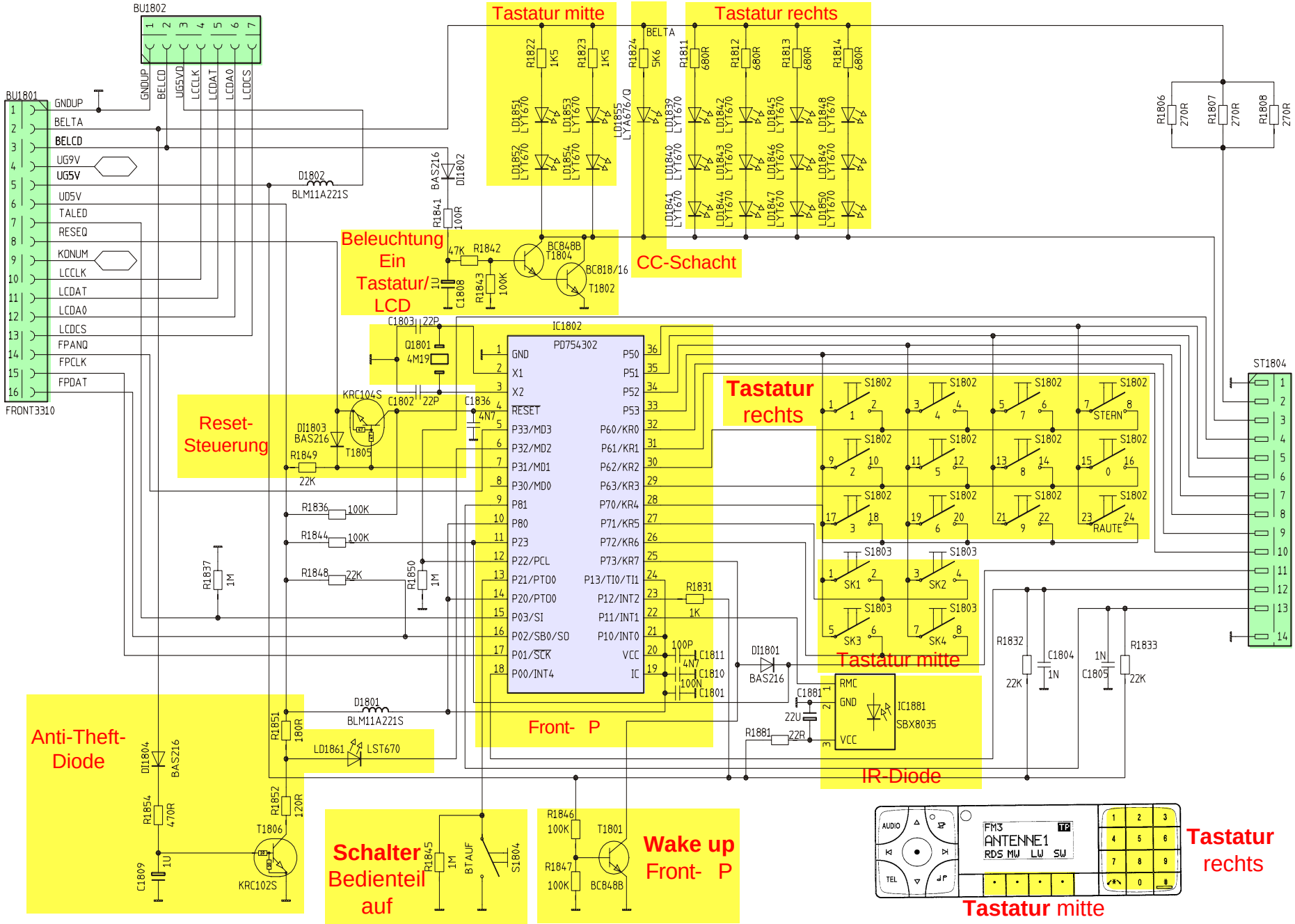

Shiftregister
EEPROM
Interface Wake up-Leitung, K-Leitung BUS -Seite 13-
POWER
UD5V
UG5V
ST1
ST2
ST3
BLM21A601S
D980
IC980
IC981
74HC4094
SRSTR
SROEN
SRCLK
SRDAT
CAENB
MONOQ
CASTQ
SMTIM
TALED
WKUPO
ENDSB
CCDOC
ONUG
ONANT
OCREQ
CCMOQ
CCLDG
CCDOB
CCTR2
CCEJT
SYDAT
SYCLK
B2DAT
B2CLK
LCDAT
LCCLK
CAIHQ
FPANQ
WKUPI
PWUPQ
CANRX
BELON
KBUS
KBRXD
KBTXD
WAKUP
UBATT
24LC04B
IC850
KRA103S
KRC103S
BC817/40
BC848B
BAS216
BAW56
T852
T853
T854
T855
T856
T857
T858
T859
DI851
DI852
DI853
DI854
DI855
DI856
DI857
DI850
5V6 2%
AMCCQ
ENDIA
TELUP
CCPSE
CCMOD
CCINS
OCERR

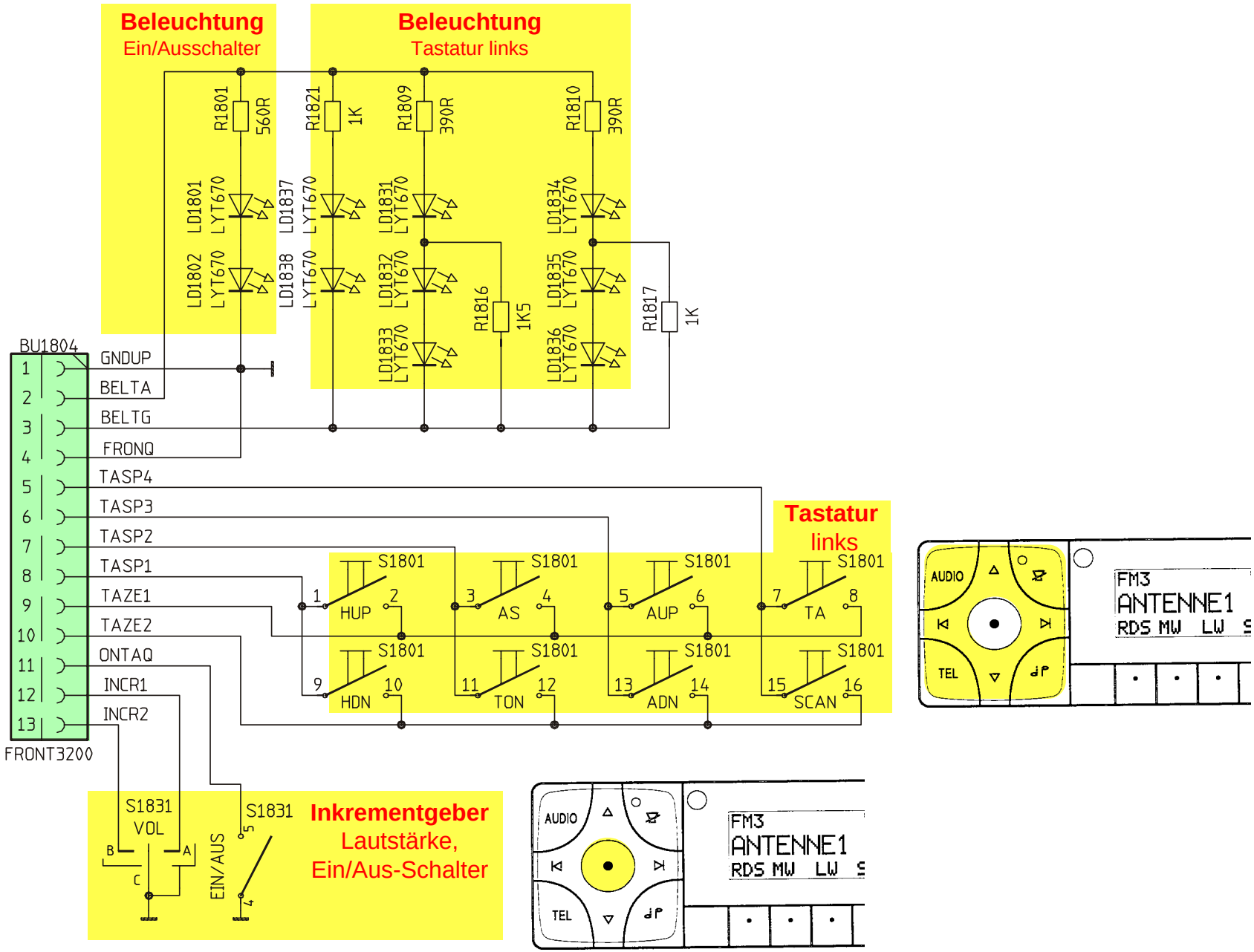


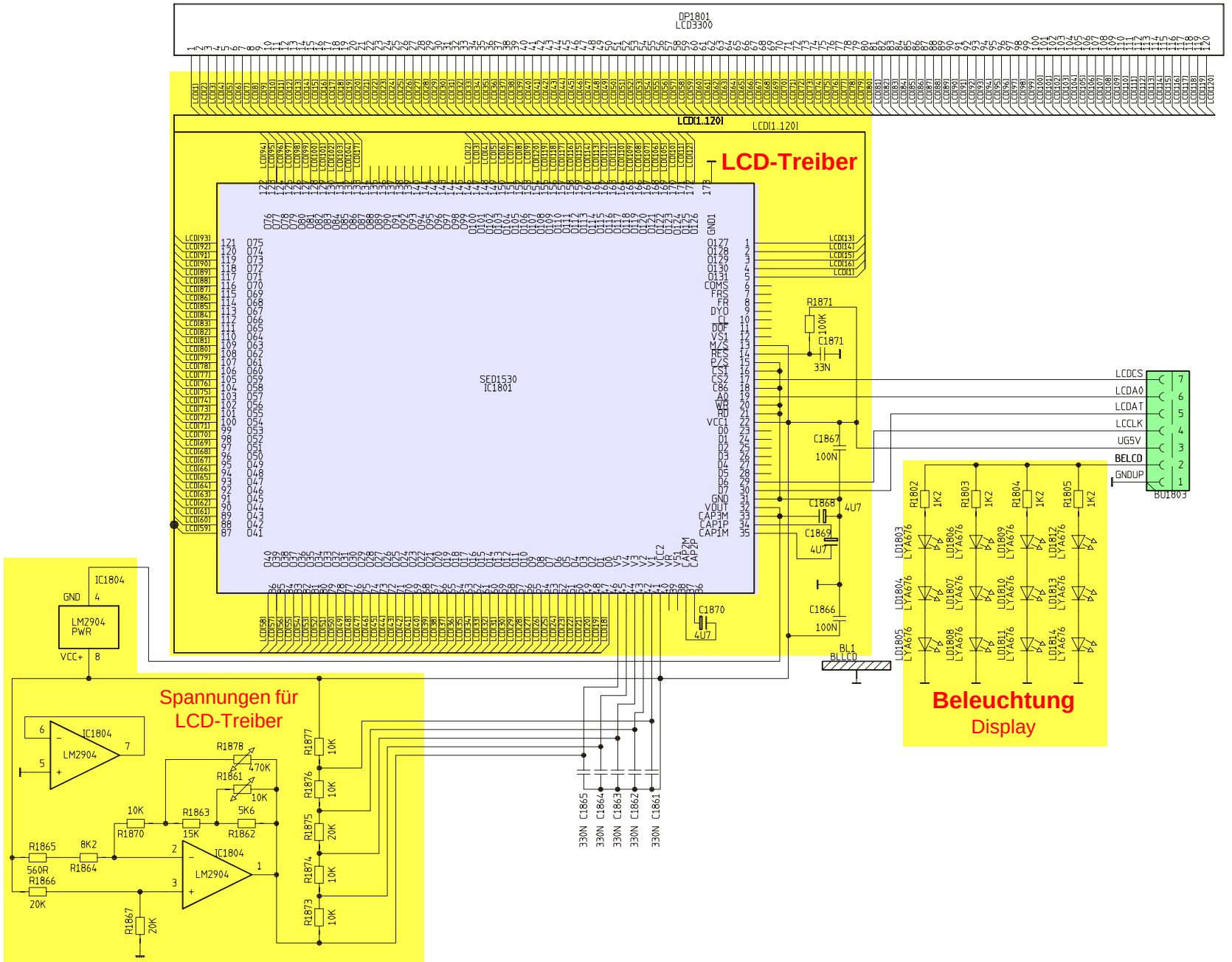

**WAHRHEITSTABELLE**

| CCDOB | CCDOC | DOLBY | MUTE | MS-Sensor |
|---|---|---|---|---|
| 0 | 0 | OFF | - | BLANK-SKIP |
| 0 | 1 | OFF | X | MS-SUCHL. |
| 1 | 0 | B | - | BLANK-SKIP |
| 1 | 1 | C | - | BLANK-SKIP |


POWER
ST3
ST2
ST1
POWER
C806 C807 C808 C809 C810 C811 C812 C813 C814 C815 C816 C817 C818 C819 C820
100P
ST801
FPDAT
FPCLK
FPANQ
LCDCS
LCDA0
LCDAT
LCCLK
KONUM
RESEQ
TALED
UD5V
UG5V
UG9V
BELCD
BELTA
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
Beleuchtungs-
steuerung
Tastatur
KRA103S
T805
R809
10K
R811
1K
T807
BCX52/16
R810
1K
T806
C805
1N
KRC102S
BPWM2
KL30B
R820
10R
R821
10R
R822
10R
C821
100U
T802
KRA103S
R808
1K
T804
BCX52/16
R807
1K
T803
R806
10K
Beleuchtungs-
steuerung
Display
BPWM1
KL58D
CAERQ (BELIN)
KRC102S
BELON
Beleuchtung
-Ein-
T801
KRC103S
1K
R801
BAW56
C801
1U
DI801
R802
12K
R803
3K3
R804
100K
C802
2U2
R805
47K
1U
C803
Beleuchtung
-Helligkeit-


Tastatur mitte
Tastatur rechts
Beleuchtung Ein Tastatur/ LCD
CC-Schacht
Reset-Steuerung
Tastatur rechts
Tastatur mitte
Front- P
Anti-Theft-Diode
IR-Diode
Schalter Bedienteil auf
Wake up Front- P
Tastatur rechts
Tastatur mitte
BU1802
BU1801
FRONT3310
IC1802
PD754302
ST1804
S1802
S1803
IC1881
SBX8035
KRC104S
KRC102S
BC848B
BC818/16
BAS216
LST670
LYT670
LYA676/Q
BLM11A221S


Beleuchtung
Ein/Ausschalter
Beleuchtung
Tastatur links
R1801 560R
R1821 1K
R1809 390R
R1810 390R
LD1801 LYT670
LD1802 LYT670
LD1837 LYT670
LD1838 LYT670
LD1831 LYT670
LD1832 LYT670
LD1833 LYT670
LD1834 LYT670
LD1835 LYT670
LD1836 LYT670
R1816 1K5
R1817 1K
BU1804
1 GNDUP
2 BELTA
3 BELTG
4 FRONQ
5 TASP4
6 TASP3
7 TASP2
8 TASP1
9 TAZE1
10 TAZE2
11 ONTAQ
12 INCR1
13 INCR2
FRONT3200
Tastatur
links
S1801 HUP
S1801 AS
S1801 AUP
S1801 TA
S1801 HDN
S1801 TON
S1801 ADN
S1801 SCAN
S1831 VOL
S1831 EIN/AUS
Inkrementgeber
Lautstärke,
Ein/Aus-Schalter
AUDIO
TEL
FM3
ANTENNE1
RDS MW LW


DP1801
LCD3300
LCD(1..120)
LCD-Treiber
SED1530
IC1801
R1871
100K
C1871
33N
C1867
100N
C1868
4U7
C1869
4U7
C1866
100N
C1870
4U7
BL1
BLLCD
LCDCS
LCDA0
LCDAT
LCCLK
UG5V
BELCD
GNDUP
BU1803
R1802
R1803
R1804
R1805
1K2
Beleuchtung
Display
IC1804
LM2904
PWR
GND
VCC+
Spannungen für
LCD-Treiber
R1878
470K
R1861
10K
R1863
15K
5K6
R1862
R1870
10K
R1865
560R
R1866
20K
R1864
8K2
R1867
20K
R1877
R1876
R1875
R1874
R1873
10K
20K
C1865
C1864
C1863
C1862
C1861
330N